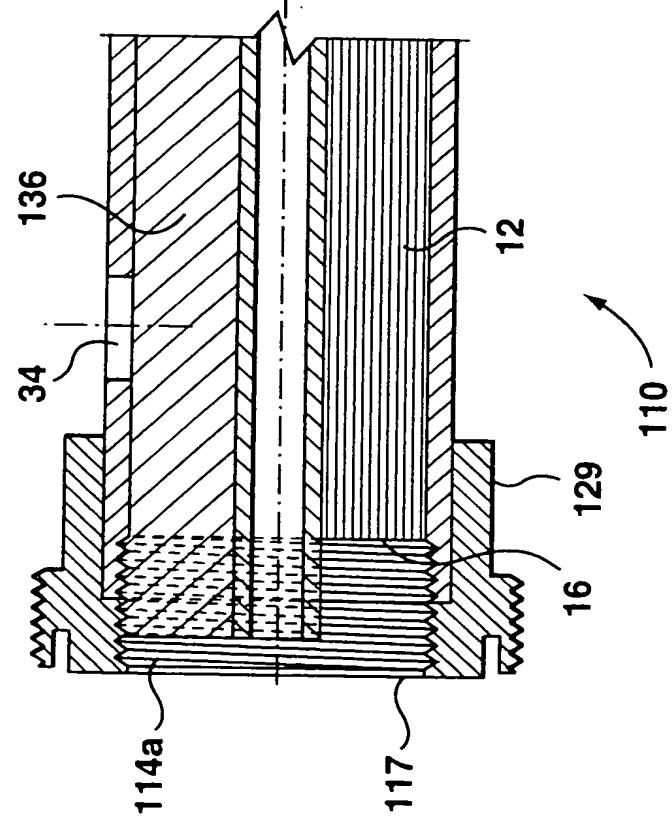
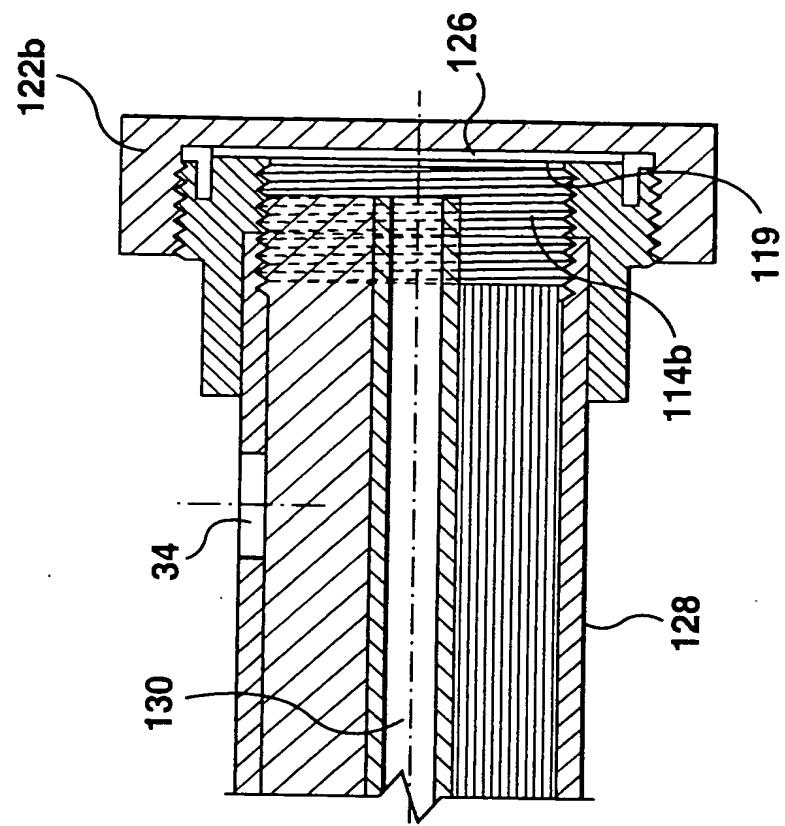
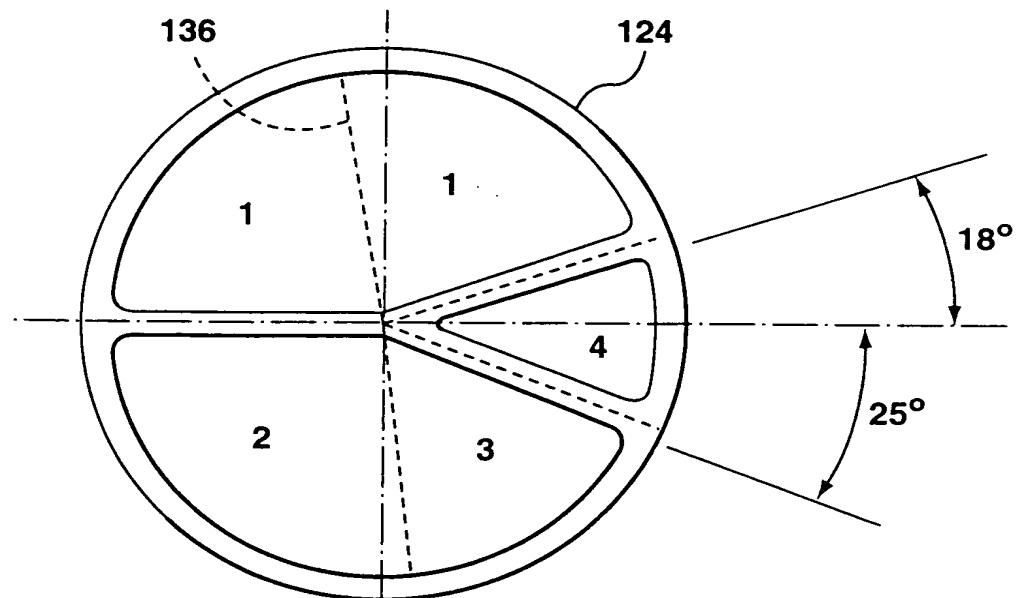


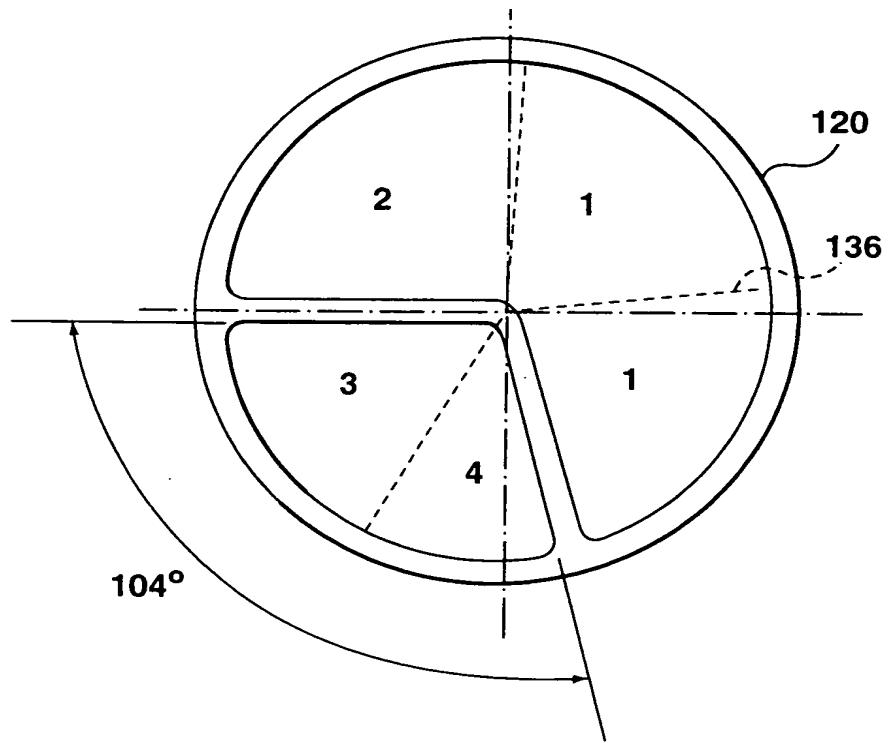
**FIG. 5**



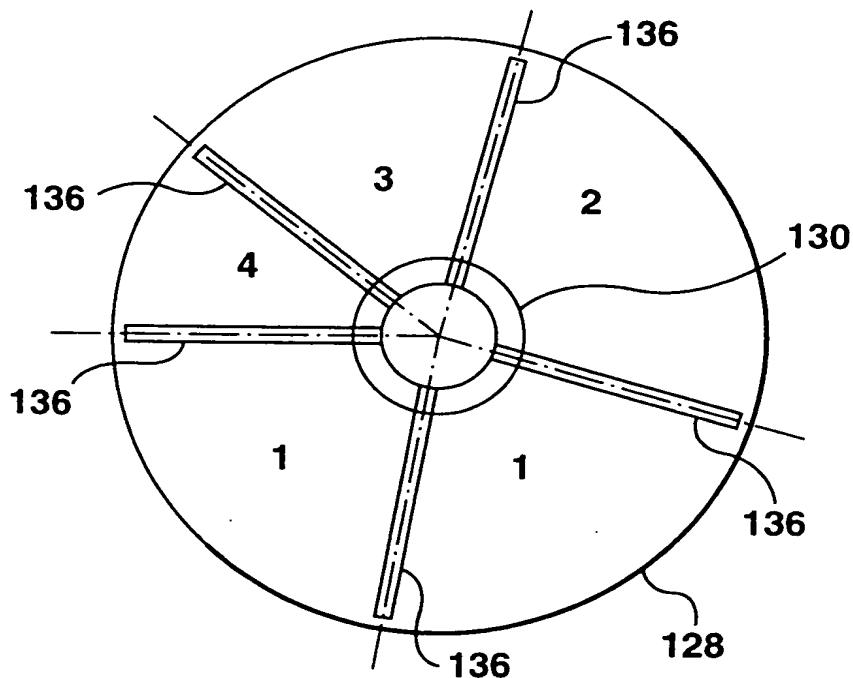
**FIG. 6**



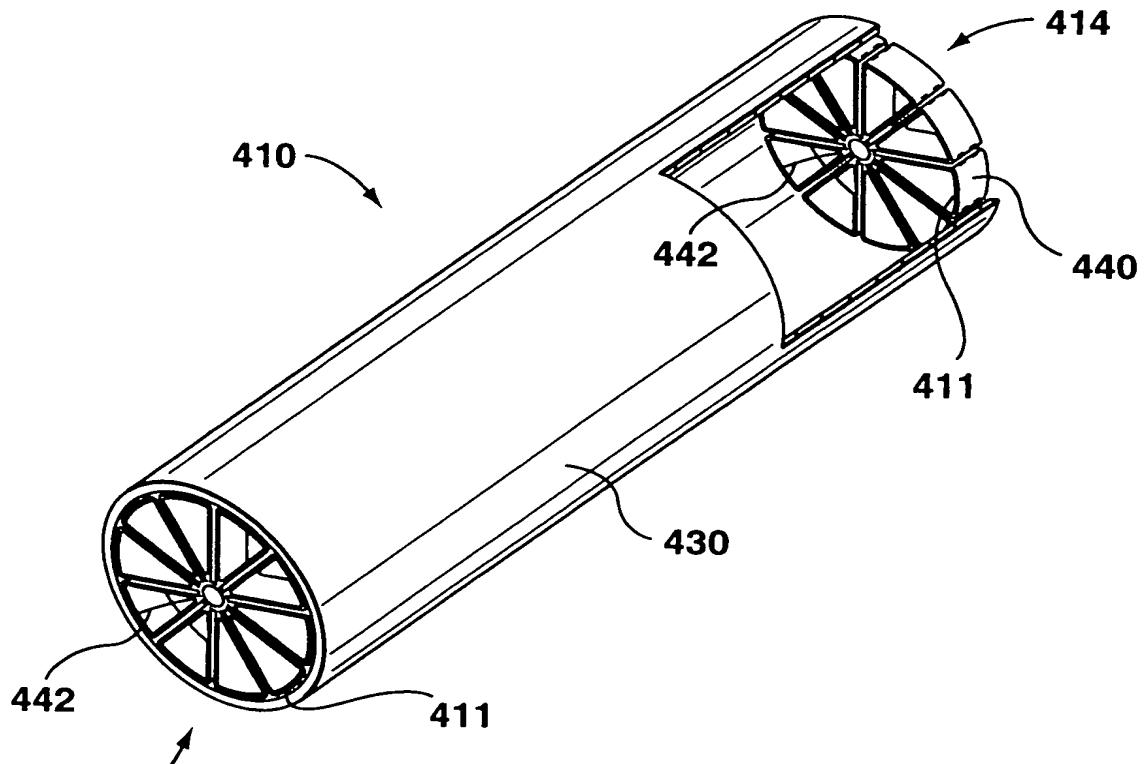
**FIG. 7**



**FIG. 8**



**FIG. 9**



**FIG. 10**

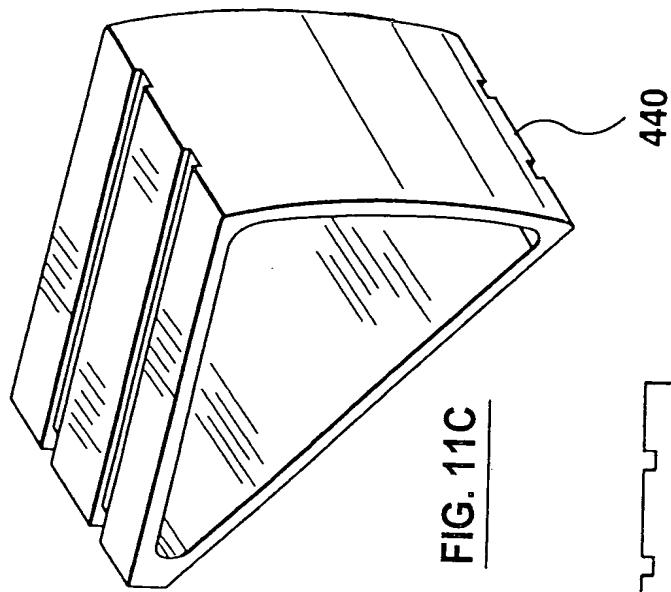


FIG. 11C

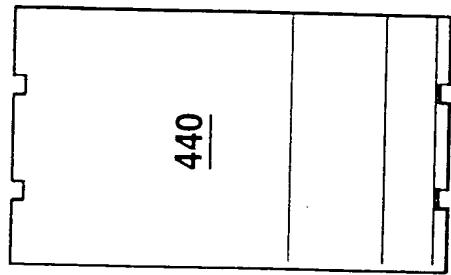


FIG. 11D

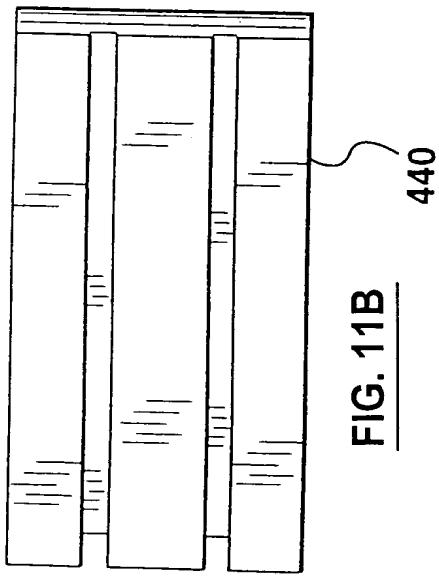


FIG. 11B

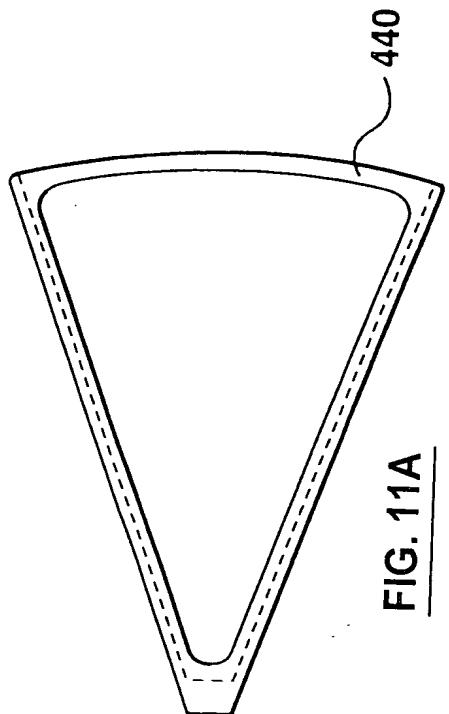
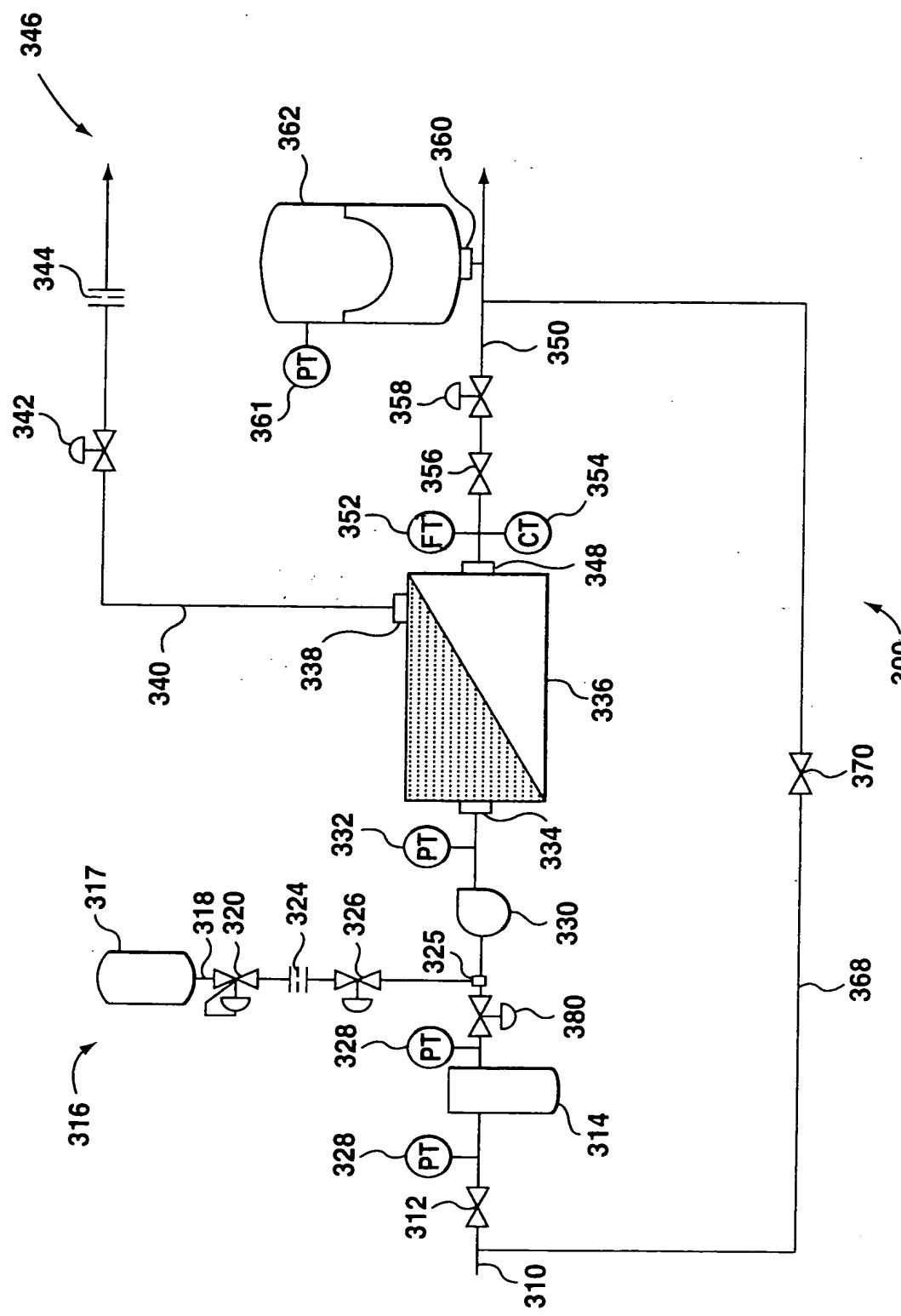
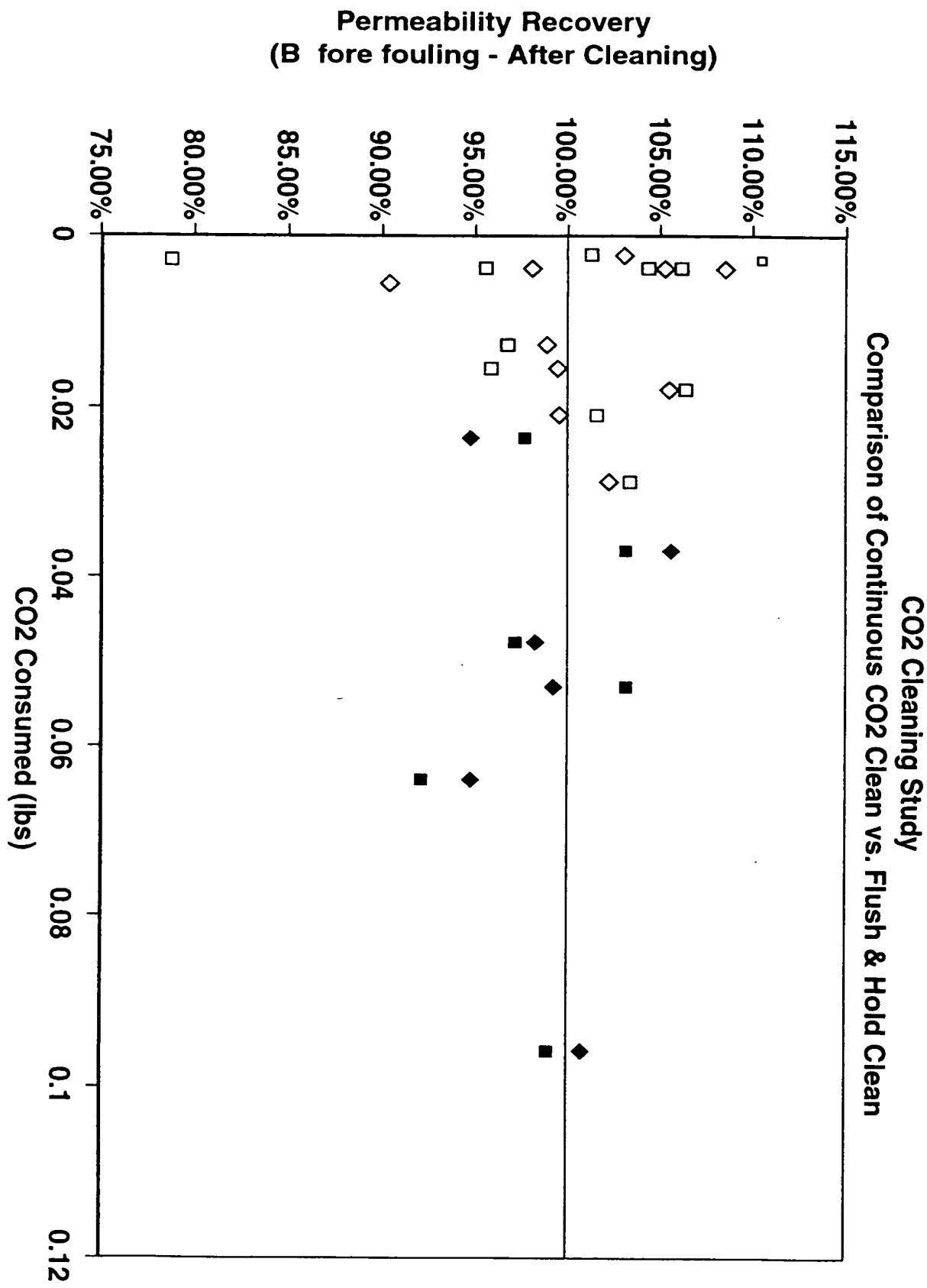


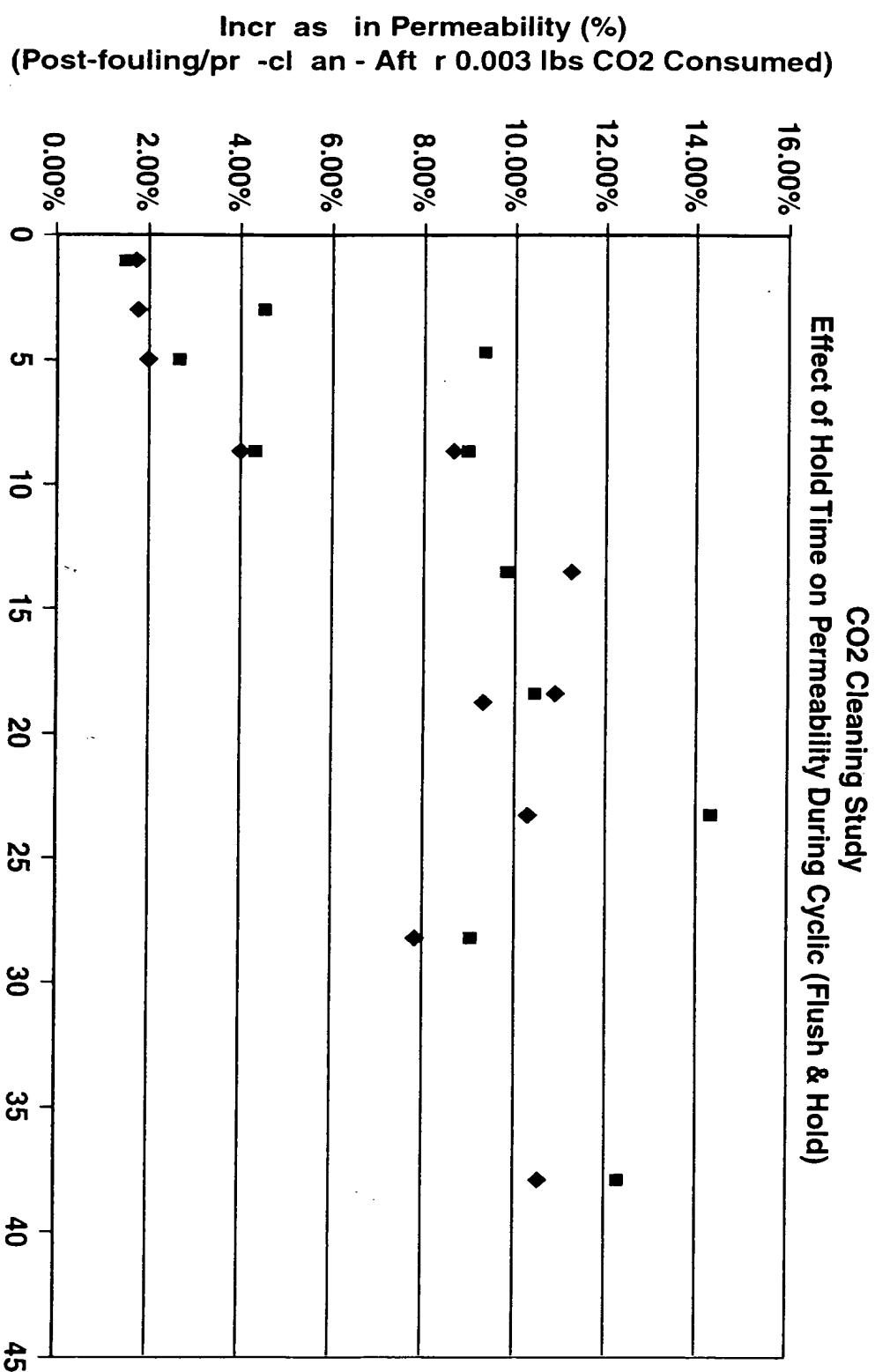
FIG. 11A



**FIG. 12**

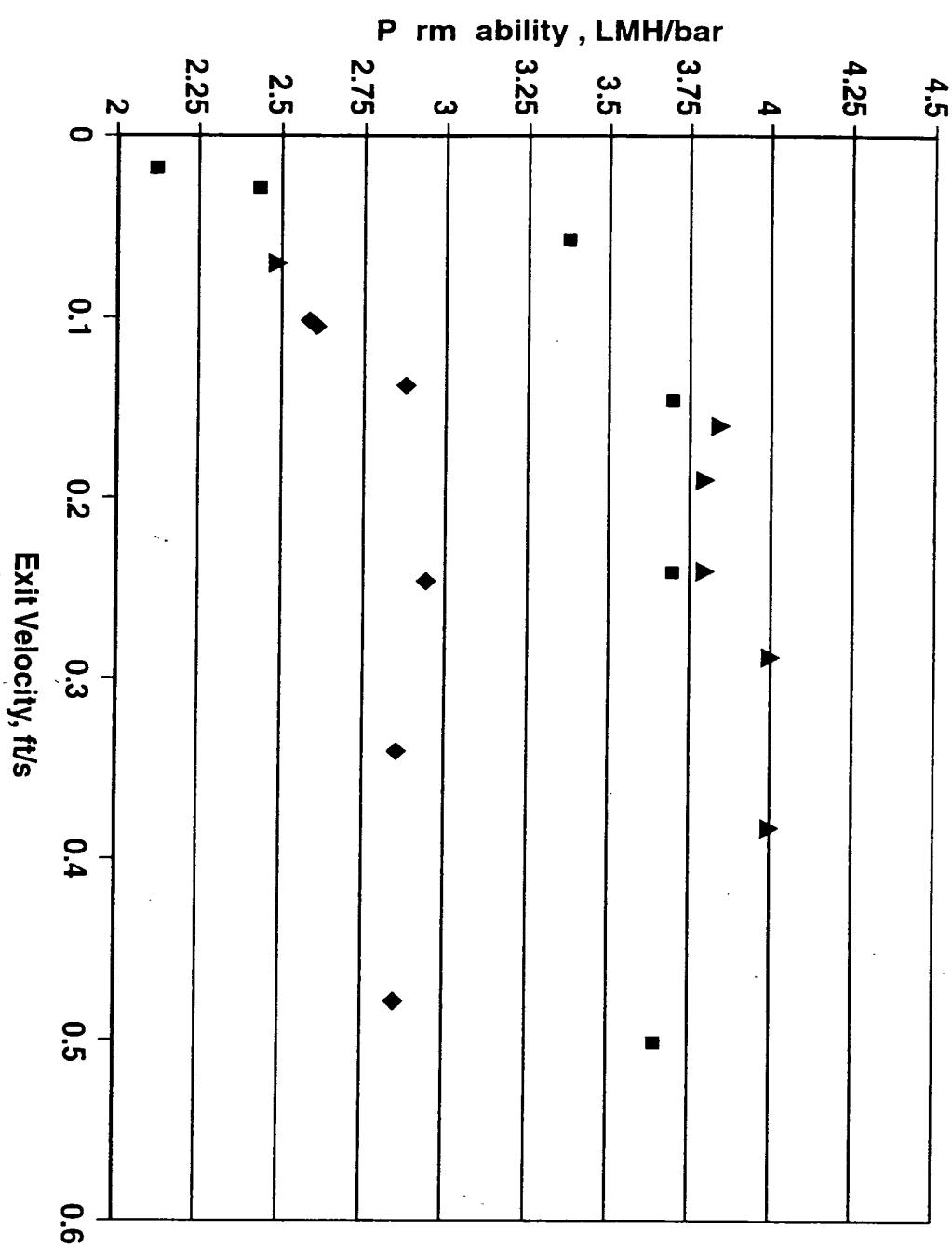


**FIG. 13**



**FIG. 14**

**Effect of Exit Velocity on Permeability**



**FIG. 15**